

Title (en)  
ROCK DRILL

Title (de)  
GESTEINSBOHRER

Title (fr)  
FORET A PIERRE

Publication  
**EP 1283935 A1 20030219 (DE)**

Application  
**EP 01933577 A 20010322**

Priority  
• DE 0101111 W 20010322  
• DE 10024433 A 20000519

Abstract (en)  
[origin: WO0188321A1] The invention relates to a rock drill with a helicoidal shank (3) and a drill head (2), comprising a scarped main cutting plate (6) and secondary cutting plates (14, 15) arranged cross-wise thereto. In order to allow for more chip space for the secondary cutting plates (14, 15), the front face (20) of the drill head (2) is stepped so that a shoulder (25) for forming an additional chip volume (27) is produced.

IPC 1-7  
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IPC 8 full level  
**B23B 51/02** (2006.01); **E21B 10/44** (2006.01); **E21B 10/58** (2006.01)

CPC (source: EP US)  
**B23B 51/02** (2013.01 - EP US); **E21B 10/445** (2013.01 - EP US); **E21B 10/58** (2013.01 - EP US); **B23B 2226/75** (2013.01 - EP US); **B23B 2251/14** (2013.01 - EP US); **B23B 2251/204** (2013.01 - EP US); **Y10T 408/909** (2015.01 - EP US)

Citation (search report)  
See references of WO 0188321A1

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DOCDB simple family (publication)  
**WO 0188321 A1 20011122**; AT E305079 T1 20051015; DE 10024433 A1 20011129; DE 50107504 D1 20060202; EP 1283935 A1 20030219; EP 1283935 B1 20050921; US 2003138304 A1 20030724; US 6868924 B2 20050322

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